

**FORM PTO-1449****INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION PURSUANT TO  
37 CFR §1.97 & 1.98**

Docket Number: Serial Number:

4015-5161

Applicant:

Cairns, et al.

Filing Date:

Group:

**U. S. PATENT DOCUMENTS**

| Examiner |            |      |                 |       |       | Filing Date |  |
|----------|------------|------|-----------------|-------|-------|-------------|--|
| Initial  | Patent No. | Date | Name            | Class | Subcl | If Approp.  |  |
| A        | 6,529,545  | 2003 | Tirola, et al.  |       |       |             |  |
| B        | 6,470,044  | 2002 | Kowalski        |       |       |             |  |
| C        | 6,101,399  | 2000 | Raleigh, et al. |       |       |             |  |
| D        | 5,809,020  | 1998 | Bruckert et al. |       |       |             |  |
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| Patent No.       | Date | Name         | Class | Subcl       | Yes No |
| E   WO 01/01595  | 2001 | Wang, et al. |       |             |        |
| F   EP 1 300 999 | 2001 | Maddlotto    |       |             |        |
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**OTHER DOCUMENTS** (including author, title, date, pages, etc.)

|   |  |
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| G | US 2003/0035468; System and Method for Adjusting Combiner Weights Using an Adaptive Algorithm In Wireless Communications Systems; Feb. 20, 2003; |
| H | US 2002/0150176; Method and Device for the Estimation of a Propagation Channel From Its Statistics; Chevalier, et al.; Oct. 17, 2002             |
| I | US 2002/0122470; Method and Apparatus for Providing Blind Adaptive Estimator and Reception; Heikkila; Sept. 5, 2002                              |
| J | US 2002/0080863; Adaptive Generalized Matched Filter RAKE Receiver System and Method; Nielsen; Jun. 27, 2002                                     |
| K | 2002/0057735; Optimizing of Channel Equalizer; Piirainen; May 16, 2002.  |
| L | Kutz, et al.; On the Performance of a Practical Downlink CDMA Generalized RAKE Receiver; 2002 IEEE; 5 pgs.                                       |
| M | Kutz, et al.; Low Complexity Implementation of a Downlink CDMA Generalized RAKE Receiver; 2002 IEEE; 5 pgs.                                      |
| N | Response to Novelty Search for "Parameter Estimation in a Generalized RAKE Receiver"; 16 pgs.  |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.